

WEST Search History

DATE: Sunday, August 24, 2003

| <u>Set Name</u> side by side | <u>Query</u> | <u>Hit Count</u> | <u>Set Name</u> result set |
|---|-----------------------------------|------------------|-------------------------------|
| <i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i> | | | |
| L5 | (560/\$) and L4 | 3 | L5 |
| L4 | L3 and alcohol | 8 | L4 |
| L3 | L2 and (boron trifluoride or bf3) | 8 | L3 |
| L2 | L1 and (ether or ether) | 89 | L2 |
| L1 | methyl pivalate and ester | 102 | L1 |

END OF SEARCH HISTORY

WEST

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Search Results - Record(s) 1 through 8 of 8 returned.☐ 1. Document ID: US 20030149298 A1

L4: Entry 1 of 8

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030149298

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030149298 A1

TITLE: Cracking of neo-C9 and neo-C13 carboxylic acids to either pivalic acid or methyl pivalate

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------------|-------------|-------|---------|---------|
| Mozeleski, Edmund J. | Califon | NJ | US | |
| Schlosberg, Richard H. | Bridgewater | NJ | US | |
| Davoren, Dennis J. | Baton Rouge | LA | US | |
| Beck, Carl Robert | Greenwell | LA | US | |
| Broadbelt, Linda J. | Glenview | IL | US | |
| Haubein, Ned C. | Evanston | IL | US | |

US-CL-CURRENT: 562/517

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|-----------|-------|

☐ 2. Document ID: US 20030028049 A1

L4: Entry 2 of 8

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030028049

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030028049 A1

TITLE: Cracking of neo-C9 and neo-C13 carboxylic acids to either pivalic acid or methyl pivalate

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------------|-------------|-------|---------|---------|
| Mozeleski, Edmund J. | Califon | NJ | US | |
| Schlosberg, Richard H. | Bridgewater | NJ | US | |
| Davoren, Dennis J. | Baton Rouge | LA | US | |
| Beck, Carl Robert | Greenwell | LA | US | |
| Broadbelt, Linda J. | Glenview | IL | US | |
| Haubein, Ned C. | Evanston | IL | US | |

US-CL-CURRENT: 562/517

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
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☐ 3. Document ID: US 20010041808 A1

L4: Entry 3 of 8

File: PGPB

Nov 15, 2001

PGPUB-DOCUMENT-NUMBER: 20010041808

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010041808 A1

TITLE: Production of esters

PUBLICATION-DATE: November 15, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------------|-------------------|-------|---------|---------|
| Mozeleski, Edmund J. | Califon | NJ | US | |
| Beck, Carl R. | Greenwell Springs | LA | US | |
| Nadler, Kirk C. | Houston | TX | US | |
| Schlosberg, Richard H. | Bridgewater | NJ | US | |

US-CL-CURRENT: 560/233; 560/232, 560/240

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
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☐ 4. Document ID: US 5451675 A

L4: Entry 4 of 8

File: USPT

Sep 19, 1995

US-PAT-NO: 5451675

DOCUMENT-IDENTIFIER: US 5451675 A

**** See image for Certificate of Correction ****

TITLE: Process for the preparatuon of 3-alkoxymethyl cephalosporin derivatives

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
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☐ 5. Document ID: US 5223641 A

L4: Entry 5 of 8

File: USPT

Jun 29, 1993

US-PAT-NO: 5223641

DOCUMENT-IDENTIFIER: US 5223641 A

TITLE: Carboxylic acid mixtures and process for producing the same

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
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☐ 6. Document ID: US 4894188 A

L4: Entry 6 of 8

File: USPT

Jan 16, 1990

US-PAT-NO: 4894188

DOCUMENT-IDENTIFIER: US 4894188 A

TITLE: Process for producing fatty acids and their ester derivatives

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
|------|-----------|-------|

☐ 7. Document ID: US 3691230 A

L4: Entry 7 of 8

File: USPT

Sep 12, 1972

US-PAT-NO: 3691230

DOCUMENT-IDENTIFIER: US 3691230 A

TITLE: PROCESS FOR PRODUCING CARBOXYLIC ACIDS AND ESTERS

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 8. Document ID: JP 2003519112 W WO 200147861 A1 AU 200126045 A US 20010041808
A1 BR 200016839 A EP 1263708 A1 KR 2002079766 A

L4: Entry 8 of 8

File: DWPI

Jun 17, 2003

DERWENT-ACC-NO: 2001-496692

DERWENT-WEEK: 200349

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TITLE: Production of ester e.g. methyl pivalate used as pesticides, involves reacting olefin or ether with carbon monoxide, Lewis acid composition, adding alcohol to product composition, separating acid product from ester

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|

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| KWIC | Draw Desc | Clip Img | Image |
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| Terms | Documents |
|----------------|-----------|
| L3 and alcohol | 8 |

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